

PATENT
ATTORNEY DOCKET NO. 06501/024001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kohsuke Kino
Serial No.: 09/202,464
Filed : December 14, 1998
Title : T-CELL EPITOPE PEPTIDES

Art Unit:
Examiner:

Box PCT

Assistant Commissioner for Patents
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO 1449, copies of which are enclosed.

The relevance of each non-English reference is explained below.

Reference AE discloses that cDNA encoding a cedar pollen allergen, Cry j II, was cloned and its amino acid sequence was determined. Overlap peptides containing the T-cell epitope were identified using a Cry j II responsive T-cell line derived from a patient with cedar pollinosis and the amino acid sequences of the T-cell epitope peptides are disclosed.

Reference AH discloses that the cedar pollen and Japanese cypress pollen possess common antigenicity. Their major allergens, Cry j1 and HMA, were compared by precipitation reactions in gels and RAST inhibition tests. No comparison at the epitope and molecular level was performed.

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Date of Deposit 3/19/99
I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office To Addressee" with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Francisco Rables
Francisco Rables

Reference AJ discloses the clinical characterization of patients with allergy to cypress pollen and testing for the presence of IgE antibody in such patients using the Alastat assay. The positivity rate for antigen-specific IgE antibodies in patients with spring pollinosis is 83.5% for cedar pollen, 80.0% for Japanese cypress pollen, and 76.4% for both pollens. Neither specific allergens nor epitopes of these pollens are disclosed.

Reference AK discloses the clinical characterization of patients with cedar pollinosis performed by measuring antigen-specific IgE antibodies. About 60% of the patients with cedar pollinosis possess Japanese cypress pollen-specific IgE antibodies. No specific allergens are disclosed.

This statement is being filed before the receipt of a first Office Action on the merits. Please apply any charges or credits to Deposit Account 06-1050.

Respectfully submitted,

Date: 3/19/99



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